

CZOTTNER, Sandor; KERTAI, Gyorgy, dr.; DANK, Viktor, dr.; BENCZE, Laszlo;
KASSAI, Lajos; BUGSKO, Eva; GALAMBOS, Istvan; NAGY BIRO, Sandor;
TOTH, Janos; NEDEA, Ede; TAKACS, Pál, dr.; SIPOS, Janos; BERECZKY,
Tamas; HALMAY, Jenő; KERESZTES, Mányas, dr.; CORNIDES, Istvan;
BALLA, Sarolta

The 2d Hungarian Conference on Natural Gas. Ipari energia 3
no.10:225-231 0 '62.

1. Nehezipari miniszter (for Czottner).

TOTH, Janos

Production exercises for transport engineers. Magy vasut 8 no.14:
3 18 J1 '64.

1. Head, Debrecen Directorate, Hungarian State Railways, Debrecen.

TOTH, Janos

Material, political as well as moral roles of incentive forces
in solving the tasks of national economy and in the formation
of the socialist man. Cukor 17 no.10:276-278 0 '64.

1. Hungarian Sugar Industry, Budapest.

TOTH, Janos

Achievements in Soviet brown coal firing similar to those
obtained by the Gyongyos lignite. Energia es atom 17 no. 2:
53-61 F '64.

1. Leningradi Politechnikai Egyetem.

TOTH, Janos

Ecologic aspects of certain questions of hydraulics. Hidrológiai
Közlemény 42 no.1:76-79 F '62.

1. Magyar Dunakutató Alkalmaz, Alsógöd.

TOTH, Janos

Work relating to the personnel of the sugar industry in 1962.
Cukor 16 no.7:201-203 J1 '63.

1. Cukoripari Igazgatosag.

TOTH, János

How should socialist competition help the Hungarian State
Railways fulfill the 1962 plans? Vasut 12 no.2:1 25 F '62.

1. Kozlekedes- es Postaügyi Miniszterium I/2 Szakosztalya.

TOTH, Janos

First place in international competition. Magyar vasut 7
no.8:4 18 Ap '63.

1. I/2. szakosztaly.

TOTH, Janos

Correlations between socialist competition and production.
Vasul 13 no.2:29 F '63.

1. Kozlekedes- es Postaugyi Miniszterium I/2. Szakosztaly.

BENDE, Jozsef, okleveles gepeszmernok; TOTH, Janos, okleveles kohomernok

Work process of continuous pickling lines and the investigation
of pickling broad band steels containing some carbon. Koh lap 95
no.12:565-568 D '62.

1. Dunai Vasmu.

TOTH, Janos

Seaweed-eating Chinese carps. Elet tud 17 no.42:1337-1338 21 0
'62.

1. Tudományos kutató.

TOTH, Janos, okleveles kohomernok

Irregularity in eutectoid formation of gray irons. Koh lap 95
no.9:Suppl.: Ontode 13 no.9:197-199 S '62.

1. Dunai Vasmu.

Toth, *János*

Balance of investigations for historic houses in 1958. p. 76.

EPITESUGYI SZEMLE. Budapest, Hungary. No. 3, 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 9, no. 1, Jan. 1960.

Uncl.

TOTH, Janos, dr.

Protection of our industrial historical monuments. Epites szemle 5
no.6:169-174 '61.

1. Epitesugyi Miniszterium Varos- es Kozsegrendezesi Fozsztalyanak
fomernoke.

12

Increasing the storability of corn flour. *Jen's Tech Hung. 128,985, June 3, 1941.* Corn is treated with steam, extd. with weak alkalis (to sapon. fats) contg. small amounts of RtOAc and higher homologs. Then the grains are dried, roasted and ground to flour

TOTH, J. le

AGRICULTURE

PERIODICAL: MAGYAR MEZO MZDASAG. Vol. 10, no. 21, Nov. 1955

Toth, J. We should store our grain crop carefully. p. 1.

Monthly list of East European Accessions (EEAI) LC. Vol. 8, No. 2,
February 1959, Unclass.

COMMON ELEMENTS										COMMON VARIABLE MOSES									
<p>12</p> <p>Methylacetylcarbinol and biacetyl as aroma producing components of butter and bread. Jend. Toth. <i>Magyarosok</i> 14, 47 (1941). The formation of methylacetylcarbinol (I) in foods is connected with the activity of certain microorganisms; its amt. depends on the type and vigor of the bacteria and the quantity and quality of medium. The transformation of I to biacetyl is a rather complicated catalytic dehydrogenation caused and increased by microorganisms. For some days during storage the amount of aroma-producing substances increased in butter prepd. from acid cream, then rapidly diminished. In butter made from sweet cream a slow const. decrease was observed. Storage at low temps. impeded these changes. Too-high content of biacetyl is disadvantageous for the storing of butter, since on reduction of biacetyl to I fats become rancid. Hungarian types of butter contained 0.05-15 mg. % biacetyl and 1.5-4.2 mg. % I. In bread 80-90% of the biacetyl is located in the crust. The mean values for bread were 0.3 mg. % biacetyl and 2.0 mg. % I; there were rather high variations according to quality and age of bread. For the rapid and reliable detn. of biacetyl the colorimetric method with dicyanodiamide is recommended with the modification that an aq. soln. of a dild. acid colored with a mixt. of methyl orange and methyl red is used as comparison liquid.</p> <p>S. S. de Finlay</p>																			
<p>ASB-55A METALLURGICAL LITERATURE CLASSIFICATION</p>																			
<p>SECONDARY</p>										<p>SECONDARY</p>									

... fermentation experiments. Jerry Tath and
... *Chem. Technol.*
... *Indus. Eng. Chem.* 1952 (II) 1954 VIII, 11A-
... which affect the growth of *Candida*
... and *ECOL*, the
... the sugar added were
... should be conducted at

... fermentation remains const.
... sugar added, and the
... the rate of fer-
... the yeast cells.
... lower fermentation
... in a 0.1%
... of 0.2-0.3%
... bubbling
... smaller
... for

...the production of the wine with the existing CO₂
fermentation under pressure may serve as the basis
large-scale manufacture of champagne. J. A. S. ①

✓ Experimental zein manufacture. Jeno Tóth. *Yearbook*
Inst. Agr. Chem. Technol., Univ. Tech. Sci., Budapest,
Hung. 1952 III-1954 VIII, 184-95.—The two available do-
mestic (Hungarian) sources for zein were investigated.
CH There are the protein slurry of corn starch manuf. or the
direct extn. of corn. For the latter, countercurrent extn. is
recommended in a closed vessel with 70 vol. % EtOH at pH
10 for 2 hrs., followed by cooling, filtration, pptn. at pH 6.2
in cold water, centrifuging, and vacuum drying. The resi-
due can be used for starch manuf. or corn meal. The proper-
ties of the zein obtained were investigated. J. A. Sallard.

12/1/71, 12/1/71

Preparation of a study for the...
written...
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...

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TOTH, J.
PALYI, Marton, dr.; SANDORFI, Istvan, dr.; TOTH, Jeno, dr.; VOJNICH, Eva, dr.

Efforts to enforce health protective measurements in vocational schools. Nepegeszsegugy 37 no.8:218-220 Aug 56.

1. A Fovarosi iskolarovosi szolgalat kereteben az ipari tanulok ellatasara szakositott iskolaorvosok munkakozossegenek kozlemenye.

(SCHOOLS

vocational, in Hungary, health protective measurements (Hun))

701H *Joseph*
ROTH, M.; HARKANYI, I.; TOTH, J.

Experimental repair of the esophagus with a plastic tube. Acta med.
hung. 6 no.1-2:167-176 1954.

1. Department of postgraduate surgery, University Medical School,
Budapest.

(ESOPHAGUS, surg.
esophagoplasty with methacrylate tube)
(ACRYLIC RESINS
esophagoplasty, methacrylate tube)

ROTH, Miklos, dr.; HARKANYI, Istvan, dr.; ~~TOTH, Jozsef, dr.~~

Experimental exophagoplasty with acrylic tube. Magyar sebészeti 7
no.3:184-191 June 54.

1. A Budapesti Orvostudományi Egyetem Sevesztovábbképző Klinika-
jának közleménye: Igazgató: Littmann Imre dr. egyet. tanár. Az
Egészségügyi Tudományos Tanács által támogatott munka.

(ESOPHAGUS, surg.

esophagoplasty with methylacrylate tube, exper. in dog)

(ACRYLIC RESINS

methylacrylate tube for exper. exophagoplasty in dog)

PALASTY, Giza, dr.; TOTH, Jozsef, dr.

Primary heart tumor simulating congenital heart defect in a newborn infant. (Fibroma pseudomyxomatous cordis).

1. Kisvardai János Korház, Gyermekkórház és Nőgyógyászati
Megyei Korház, Kérbőrtani Intézet.

HUNGARY

VADJA, Gyula, TOTH, Jozsef, TAX, Vladimir; Hungarian State Railways Hospital
(Director: CO, L.), Central Laboratory and II. Section of Medicine (Magyar
Allamvasutak Korhaza, Kozponti Laboratorium es II. Belgyogyaszati Osztaly),
Budapest.

"Simultaneous Determination of Erythro- and Leukocytotropines in Vivo."
Budapest, Acta Microbiologica Academiae Scientiarum Hungaricae, Vol XIII,
No 2, 1966, pages 127-132.

Abstract: [English article, authors' English summary modified] A new method
has been worked out for the simultaneous determination of erythro- and leuko-
cytotropines in vivo. Mixtures consisting of 0.5 ml of the diluted serum to
be tested, 0.25 ml of 10% erythrocyte suspension of conforming blood group
and 0.25 ml of a 20,000 per cubic mm leukocyte suspension are administered
to 3 mice. After 3 hours peritoneal exudate smears are examined for the
presence and percentage of erythro- and leukophagocytosis. A positive reac-
tion is indicated by phagocytosis observed in more than 3% of the mouse
leukocytes. In a series consisting of 25 cases of immunohematological dis-
orders, erythrophagocytosis could be detected in 14 cases, leukophagocytosis
in 9 cases and simultaneous erythro-leukophagocytosis in 9 instances. Paral-
lel in vitro tests disclosed the presence of antibodies against erythrocytes
in 12, against leukocytes in 5 and against both in 4 cases. The testing of
20 control subjects yielded uniformly negative results. The method can be
used for the detection of heterocytotropines, complete and incomplete auto-
antibodies, both as a direct and as an indirect reaction. 4 Hungarian, 21
1/1 Western references. [Manuscript received 6 Nov 65.]

PINTER, Jozsef, dr.; RENYI-VAMOS, Ferenc, dr.; TOTH, Jozsef, dr.

Our experiences with hemodialysis complications and their
treatment. Orv. hetil. 105 no. 27:1280-1281 5 JI'64

1. Budapesti Orvostudományi Egyetem, Urológiai Klinika
(Igazgató: Babics, Antal, dr.)

"APPROVED FOR RELEASE: 04/03/2001

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CIA-RDP86-00513R001756410016-0"

HUNGARY/Organic Chemistry. Theoretical and General Questions
on Organic Chemistry.

G-1

Abs Jour: Ref Zhur-Khim., No 13, 1958, 43177.

Author : Fodor Gabor, Kovacs Odon, Toth Jozsef, Koczka
Karoly, Koczor Istvan, Vincze Iren W., Lestynn
Janos, Halmos Miklos, Dobo Pal.

Inst :

Title : Recent Methods and Advances in Stereochemistry of
Organic Compounds.

Orig Pub: Magyar tud. akad. Kem. tud. oszt. kozl., 1957, 9,
No 1, 77-91.

Abstract: A review, mostly of the work of the authors. Biblio-
graphy 58 references.

Card : 1/1

HUNGARY / Analytical Chemistry. Analysis of Inorganic Substances.

E-2

Abs Jour : Ref Zhur - Khim., No 10, 1958, No 32187

column. At this occasion, 700 to 200 mlit of gas is absorbed depending on the hydrocarbon content in it. After the sorption end, dry CO₂ is passed through the column and the chromatogram is taken simultaneously. If there was in the initial gas more than 25% of N₂, He is quantitatively separated from N₂ and quantitatively determined by the obtained chromatogram. The dependence between the area under the curve of the He yield and the He content in the gas is determined. If the N₂ content in the gas was above 25%, He is separated incompletely. At the analysis of an artificial mixture of CO₂ + He + N₂, the first 300 mlit of the gas mixture leaving the column contained all He. Therefore, this fraction is let through KOH for the absorption of CO₂ and the remaining part of the mixture (5 to 10 mlit) containing He and

Card 2/3

13

HUNGARY / Analytical Chemistry. Analysis of Inorganic
Substances.

E-2

Abs Jour : Ref Zhur - Khim., No 10, 1958, No 32187

N₂ is passed through the column after having been dried and
H₂ is determined as described above. The determination of
N₂ is carried out in a similar way. Besides H₂, the first
900 mlit of the leaving gas contains the complete amount of
H₂. The mixture H₂ + N₂ obtained after the absorption
of CO₂ is passed through the column and H₂ and N₂ are sepa-
rated by washing with air.

Card 3/3

TOTH, Jozsef (Nagykanizsa); GRAF, Laszlo (Nagykanizsa)

Data on the determination of the heat of adsorption by means of elution chromatography. Acta chimica Hung 22 no.3:331-344 '60. (EEL 9:11)

1. Laboratory of Mineral Oil Mining Agency, Nagykanizsa, Hungary.
(Heat of adsorption)
(Elution)
(Chromatography)

TOTH, Jozsef (Nagykanizsa, Var u.8)

Gas(vapor) adsorption of solid surfaces with inhomogeneous activity. I. Acta chimica Hung 30 no.4:415-430 '60.

1. Wissenschaftliches Laboratorium des Erdoltrosts.

TOTH, Jozsef; GRAF, Laszlo

Determination of adsorption heat by elution chromatography. *Magy kem folyoir* 66 no. 4:123-128 Ap'60.

1. Koolajbanyaszati Kutato Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity. I.
Magy kem folyoir 66 no 6:213-217 Je'60.

1. Koolajbanyaszati Tudomanyos Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity.II. Magyar folyoir 66 no.10:398-403 0 '60.

1. Koolajbanyaszati Tudomanyos Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity. III. Magy kem folyoir 66 no.11:431-435 N '60.

1. Koolajbanyaszati Kutato Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity. IV. Magyar kém folyoir 67 no.7:282-289 J1 '61.

1. Kőolajbányászati Tudományos Laboratorium Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity. V. Magy kem folyoir 67 no.7:289-293 J1 '61.

1. Koolajbanyaszati Tudományos Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity.
II. Magyar kém folyoir 67 no.9:397-402 S '61.

1. Kőolajbányászati Tudományos Laboratorium, Nagykanizsa.

SOHN, Josef (Magyarország, Var u.)

Gas-(vapor) adsorption on solid surfaces of inhomogeneous activity. III. Acta chimica Hung 32 no.1:39-57 '61.

1. Wissenschaftliches Laboratorium für Erdölförderung.

TOTH, Jozsef

Gas (steam) adsorption of solid surfaces of inhomogeneous activity.
VII. Monomolecular adsorption of gas mixtures. Magyar kém. folyoir
68 no.8:346-351 Ag '62.

1. Kőolajbányászati Tudományos Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces of inhomogeneous activity.
VIII. Monomolecular adsorption of gas mixtures. Magyar kem
folyoir 68 no.8:351-356 Ag '62.

1. Koolajbanyaszati Tudományos Laboratorium Nagykanizsa.

PINTER, Jozsef, dr.; CSATA, Sandor, dr.; FRANG, Dezso, dr.; RENYI-VAMOS,
Ferenc, dr.; TOTH, Jozsef, dr.; TOTH, Mihaly, dr.

On acute anurias of various origin. Orv. hetil. 104 no.20:
918-920 19 My'63

1. Budapesti Orvostudományi Egyetem, Urológiai Klinika.

*

TOTH, Jozsef; GRAF, Laszlo

Determination of the gasoline content of naturas gas by chromatographic separation and microcombustion. Magy kem folyoir 65 no. 8:324-328 Ag '59.

1. Koolajbanyaszati Tudomanyos Laboratorium, Nagykanizsa.

TOTH, Jozsef, DR.; PINTER, Jozsef, dr.; CSATA, Sandro, dr.

Course and therapy of acute renal failure caused by surgical diseases. Magy, sebesz. 17 no.1:25-30 P'64.

1. Budapesti Orvostudományi Egyetem Urológiai Klinika (igazgató: Babics, Antal, dr., egyetemi tanár, akadémikus) közleménye.

*

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity. Pt.11. Magyar kem folyoir 69 no.10:427-433 0 '63.

1. Koolajbanyaszati Tudomanyos Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (steam) adsorption on solid surfaces with inhomogeneous activity. Pt. 10. Magyar kémiai folyóirat 69 no.9:379-384 S '63.

1. Kőolajbányászati Tudományos Laboratorium, Nagykanizsa.

TOTH, Jozsef

Gas (vapor) adsorption on solid surfaces with inhomogeneous activity.IX. Magy kem folyoir 68 no.9:377-381 S '62.

1. Koolajhanyaszati Tudományos Laboratorium, Nagykanizsa.

RENYI-VAMOS, Ferenc, dr.; NORVATH, László, dr.; TOTH, József, dr.

The lymphatic system of the ureter and its significance in the transmission of infection. *Magy.sehsznet* 13 no.4:253-255 Ag '60.

1. A budapesti Orvostudományi Egyetem Urológiai klinikája.
(Igazgató: Dr. Babics Antal egyetemi tanár)
(URINARY TRACT INFECTIONS etiol.)

TOTH, Jozsef, okleveles vegyész, kutatómunk

Classification of activated coals applied in gasoline technology on the ground of the new theory of adsorption. Bany
lap 96 no.10:813-817 0'63.

1. Országos Koolaj - es Gazipari Troszt, Nagykanizsa.

TOTH, Jozsef; NAGY, Elemer, prof., dr.

Measuring method for determining the differential thermoelectric
power of metals and metallic alloys. Koz fiz kozl MTA 10
no.5:357-363 '62.

TOTH, Jozsef, dr.; HORVATH, Ferenc, dr.; GALLE, Tibor, dr.

Diagnostic difficulties in a case of metastases of prostatic cancer
simulating osteoma. Magy. sebészec 14 no:2:133-135 Ap 61.

1. A Budapesti Orvostudományi Egyetem Urológiai klinikájának (Igazgató:
dr. Babics Antal egyet. tanár); A Budapesti Orvostudományi Egyetem
Röntgenklinikájának (Igazgató: dr. Ratkoczy Nandor egyet. tanár),
a XX. ker. Szakorvosi Rendelő Intézet (Igazgató: dr. Galcsik Boldizsar)
Röntgen Osztályának (Főorvos: dr. Galle Tibor) közleménye.

(PROSTATE neopl) (OSTEOMA diag)

TOTH, Jozsef (Nagykanizsa, Var u.8)

Gas (vapor) adsorption on solid surfaces of inhomogeneous activity. II. Acta chimica Hung 31 no.4:393-405 '62.

1. Wissenschaftliches Laboratorium fur Erdolforderung.

TO THE

MEMORANDUM

PILNER, Jozsef, M.D., CSATA, Sándor, M.D., FRANG, Dorag, M.D.,
RENYI-VALKOS, Ferenc, M.D., TOTH, Jozsef, M.D., and TOTH, Mihaly, M.D.,
of the Urological Clinic at the Medical University (Orvostudományi
Egyetem) in Budapest.

"Acute Anuria Cases of Various Origins"

Budapest, Orvosi Hetilap, Vol 104, No 20, 19 May 1963, pp. 918-920.

Abstract: Two hundred cases of acute anuria were treated at the authors' clinic since Feb 1960; 148 patients of these were handled in the artificial kidney department. Cases caused by operative shock had a high mortality rate (11 out of 14); so did the cases caused by accidents. The cure rate of cases originating from complications following transfusion, sepsis, poisoning, was high. All patients suffering from anuria caused by eclampsia following pregnancy died since dialysis treatments were ineffective. Twenty three references, including 7 German, 5 Hungarian, and 11 Western.

1/1

TOTH, Jozsef

On the 15th anniversary of the liberation of Hungary. Teci musz
szeml 5 no.2:1-2 Ap-Je '60.

TOTH, Jozsef

Gas (vapor) adsorption on solid surfaces of inhomogeneous activity.
IV. Acta chimica Hung 33 no.2:153-163 '62.

1. Wissenschaftliches Laboratorium fur Erdolforderung, Nagykanizsa,
Var u.8.

DOBY, Tibor, dr.; TOTH, Jozsef, dr.

Herpes zoster in the gastrointestinal system. Magy. radiol.
8 no.4:227-231 Nov 56.

1. A Budapesti MAV Korhaz es Kosponti Rendelointezet (Igazgato-
foorvos: Oo, Lajos, dr.) Rontgenosztalyanak (foorvos:
Hrabovszky, Zoltan, dr.) es II. sz. Belosztalyanak (foorvos:
Toth, Jozsef, dr.) kozlemenye.

(HERPES ZOSTER, compl.

peptic ulcer, x-ray diag. (Hun))

(PEPTIC ULCER, etiol. & pathogen.

herpes zoster, x-ray diag. (Hun))

LITTMANN, Imre, dr.,; HARKANYI, Istvan, dr.,; PADANYI, Alajos, dr.,;
TOTH, Jozsef, dr.,; RUDICS, Imre, dr.,; TAKATSY, Endre, okl. gm.

Induction and abolishment of ventricular fibrillation by
electroshock. Magy. sebeszet 9 no.3:166-169 June 56.

1. A Budapesti Orvostudományi Egyetem Sebesztovábbképző Klinikájának
közleménye Igazgató: Littmann Imre dr., egyetemi tanár.

(VENTRICULAR FIBRILLATION, exper.

induction & abolishment by electric fibrillator-
defibrillator appar. in dogs (Hun))

TOTH, Jozsef; PINTER, Endre; ALMOS, Sandor

Relaxation of diaphragm. Magyar Sebészeti 10 no.4:230-237 Aug 57.

1. A Budapesti Orvostudományi Egyetem Sebésztovábbképző Klinikájának közleménye.

(DIAPHRAGM, dis.

relaxation, etiol., x-ray sympt. & ther. (Hun))

TOTH, Jozsef, Dr.; VAJDA, Gyula, Dr.; ZONYODI, Lajos, Dr.

Nocturnal paroxysmal hemoglobinuria: Marchiafava-Micheli syndrome.
Orv. hetil. 99 no.1:31-34 5 Jan 58.

I. A MAV. Korhaz es Kozponti Rendelointezet (igazgato: Ob Lajos dr.)
II. sz. Belosztalyanak (foorvos: Toth Jozsef dr.) es Laboratoriumanak
(foorvos: Gorecsky Laszlo dr.) kozlemenye.
(HEMOGLOBINURIA, PAROXYSMAL, case reports
(Hum))

TOTH, Jozsef, dr.; LENCZ, Laszlo, dr.; PINTER, Endre, dr.

Clinical significance of supraclavicular lipomas. Orv.hetil.
100 no.40:1441-1443 0 '59.

1. A Budapesti Orvostudományi Egyetem IV. sz. Sebészeti
Klinikájának (igazgató: Kudasz József dr. egyetemi tanár)
közleménye.

(LIPOMA compl.)

(ARM dis.)

(SHOULDER neoplasms)

MULLER, Miklos, dr. (Budapest, IX. Tuzolto u.58.); TORO, Imre, dr., egyet.
tanar, akademikus, igazgato (Budapest, IX. Tuzolto u.58); ROCHLICH, Pal,
dr. (Budapest, IX Tuzolto u.58); TOTH, Jozsef (Budapest, IX. Tuzolto
u.58); TOTH, Geza (Budapest, IX. Tuzolto u.58)

Cytological investigations of the pabulum and digestion of a Tetra-
hymena corlissi. Biol kozl 9 no.1:55-62 '61.

1. Budapesti Orvostudományi Egyetem Szöveti és Fejlődési
Intézete. 2. Magyar Tudományos Akadémia (for Toro).

MULLER, M.; TOTH, J.; TORO, I.

Studies on feeding and digestion in protozoa. IV. Acid phosphatase and nonspecific esterase activity of food vacuoles in amoeba proteus. Acta biol. acad. sci. Hung. 13 no.1:105-116 '62.

1. Department of Histology and Embryology, Medical University, Budapest (Head: I. Toro).

(AMOEBA) (ACID PHOSPHATASE) (ESTERASES)

TOTH, Bela; TOTH, Jozsef

Applying salting out in the manufacture of artificial tanning materials. Magy kem lap 16 no.7:314-317 J1 '61

1. Cserzoanyaggyar.

Distr: 4E2c(m)

680.35.21.017.3

454/60.

The kinetics of the disorder-order transformation in the alloy
Cu₃Au. E. Nagy, J. Nagy, J. Tóth. Magyar Tudom.
nyos Akadémia Központi Fizikai Kutató Intézetének Közleményei
(Proceedings of the Central Research Institute for Physics
of the Hungarian Academy of Sciences), Vol. 7, 1960, No. 8,
pp. 278-286, 8 figs.

6
1-nyj (gd)
1

The disorder-order transformation in the alloy Cu₃Au
has been investigated by electrical resistivity and differential
thermopower measurements performed continuously at a
constant temperature below the transformation point. It has
been found that the variation in thermopower furnishes
information on the atomic rearrangements leading to the
disorder-order transformation while the resistivity is also
influenced by the gradual disappearance of antiphase ranges.

TOTH, Jozsefne

The Szeged conference on the textile industry. Ujit lap 12 no.20:
2 25 0 '60.

HUNGARY

BODNAR, Endre, Dr, LOBLOVICS, Ivan, Dr, TOTH, Judit, Dr; Institute of Post-graduate Medical Education, Department of Surgery (Orvostovábbképző Intézet, Sebészeti Tanszék), and B. M. Korvin Otto Hospital, Surgical Ward (B. M. Korvin Otto Kórház, Sebészeti Osztály).

"Experiences with the Smithwick-Telford Operation."

Budapest, Magyar Sebészet, Vol XIX, No 2, Apr 66, pages 101-106.

Abstract: [Authors' Hungarian summary] On 4 patients, a total of 5 thoracic sympathectomy (Smithwick-Telford) operations were performed. Three of the patients underwent surgery because of occlusion of a main vessel; one had Buerger's disease. By means of the original technique of thoracic sympathectomy as recommended by Smithwick, excellent results were achieved in every case. The uniformly good result is considered to be a condition which must definitely be taken into consideration when the indications for an eventual reconstructive operation are set up. All 11 references are Western.

TOTH, K.

AGRICULTURE

PERIODICAL: AZ ERDO. Vol. 7, no. 11, Nov. 1958

Toth, K. Mechanization of sapling gardens, afforestation, and timbering work. p.406.

Monthly list of East European Accessions(EER) LC. Vol. 8, No. 2,
February 1959, Unclass.

Tóth, K.

EXCERPTA MEDICA Sec.2 Vol.8/8 Physiology, etc. Aug55

3719. TÓTH K. Clin. for Dent. and oral Dis., Univ. med. Sch., Szeged. *Calcium, phosphorus and magnesium content of the saliva of caries active and caries resistant individuals ACTA MED. ACAD. SCIENT. HUNG. (Budapest) 1954, 6/3-4 (493-500) Tables 2

The absolute amounts of salivary Ca, P and Mg seem less important to caries activity than their relations to each other. Twenty-one caries-resistant and 18 caries-active persons were examined for the ratios of the above 3 ions. The caries-resistant individuals had the following values: Mg/Ca 1/8, Mg/P 1/10 and Ca/P 1/1.2, while for caries-active persons the ratios were Mg/Ca 1/14, Mg/P 1/26 and Ca/P 1/1.8. The normal ratio Mg/Ca of bone is estimated at 1/8 on the

3719 CONT

average, corresponding to the salivary ratio of caries-resistant persons. The probable role of Mg in the enzymatic processes of saliva is discussed.

Eggers Lura - Holbaek

"APPROVED FOR RELEASE: 04/03/2001

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756410016-0"

Q. Toth

1
(Behavior of salivary phosphatase in caries-resistant and in caries-active subjects. K. Tóth (Univ. Szeged). *Acta Med. Acad. Sci. Hung.* 9: 111-23 (1959) (in English).—Phosphatase activity (by a modification of Bodansky's method, *C.A.* 43, 4320a) of saliva samples at pH 8.4 was essentially the same in caries-active and caries-resistant subjects, but at pH 6.4 the activity was higher in caries-active subjects in both fasting and after-meal saliva. However, phosphatase activity was not believed to play a direct role in causation of caries. High daily and seasonal variations in individual salivary phosphatase activity suggest an influence of external conditions. L. A. Fursklove

TOTH, K.

The behaviour of salivary phosphatase in caries-resistant and in caries-active subjects. Acta med. hung. 9 no.1-2:111-123 1956

1.Clinic of dental and oral diseases, university medical school, Szeged.

(PHOSPHATASES,

salivary, behaviour in caries-resistant & caries-active subjects)

(DENTAL CARIES

salivary phosphatases, behaviour in caries-resistant & caries-active subjects)

(SALIVA

name)

ENDROCZI, E.,; TOTH, K.

Analytical studies on the ontogenetical development of humoral adaptation. Acta physiol. hung. 8 no.1:31-42 1955.

1. Institute of Physiology University Medical School, Pecs.
(Received September 29, 1954)

(STRESS, effects,

on ACTH secretion, age factor)

(ACTH, physiology,

secretion in stress, age factor)

(AGING, physiology,

age factor in ACTH secretion in stress)

HUNG H

Calcium, phosphorus, and magnesium content of the saliva of caries-active and caries-resistant individuals. K. Tóth (Univ. Med. School, Szeged). *Acta Med. Acad. Sci. Hung.* 6, 493-500(1954)(in English).—The saliva of 21 caries-resistant subjects showed more Ca and Mg than that of 18 caries-active subjects. Ratios, which are more significant than absolute values, were Mg/Ca, 1/8 (identical with that of bone), Mg/P, 1/10; and Ca/P, 1/1.2 for the resistant and 1/14, 1/20, and 1/1.8, resp., for the active group. In saliva, Mg participates in lactic acid fermentation as the prosthetic group of enolase. The formation of Mg-F-phosphate complex, which poisons the enzyme, may account for the protective effect of F. Ossifying tissue contains large amounts of phosphatase (also detected in saliva) which is probably a protein containing Mg. Carboxylase also contains Mg, and it is suggested that Mg is involved in the increased CO₂ capacity of the saliva of the resistant individuals. Eleanora Hentrey

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APPROVED FOR RELEASE: 04/03/2001

CIA-RDP86-00513R001756410016-0"

TOTH, K.; KALMAR, K.; GORTVAI, GY.

Significant index numbers in the field of public health. P. 52. (Nepegeszségügy,
Budapest, Vol 36, no. 2, Feb. 1955)

SO: Monthly list of East European Accessions (EEAL), LC Vol 4, no. 6, June 1955 Uncl

Analytical studies on the ontogenetic development of humoral adaptation. E. Endrey, and K. Tóth (Univ. Med. School, Pécs). *Acta Physiol. Acad. Sci. Hung.* 8, 33-42 (1955) (in English).—Excessive doses of adrenaline, histamine, distilled H_2O , tissue ext., and burn did not induce ascorbic acid deficiency in rats. Ascorbic acid in rats not deficient in ascorbic acid was not affected by these treatments. There was no ascorbic acid deficiency in rats not deficient in ascorbic acid. There was no ascorbic acid deficiency in rats not deficient in ascorbic acid. There was no ascorbic acid deficiency in rats not deficient in ascorbic acid.

Toth, K.

7372. Analytical studies on the ontogenetical development of humoral adaptation. E. Endröcs and K. Toth *Acta physiol. Acad. Sci. Hung.* 1955. 8. 33-42. --Lymphocytopenia, involution of thymus and depletion of adrenal ascorbic acid in response to adrenalin, histamine and formaldehyde appear in rats only after the 6th birth day after birth. ACTH injected into rats on days 1 to 6 after birth does not elicit the above responses as it does in adult hypophysectomized rats. ACTH determinations showed that there is none of this hormone in the pituitaries of these very young rats, whereas one day old chick pituitary contains ACTH. It is concluded that the absence of stress adaptation in the younger than 6 day old rat is due to immaturity of the pituitary or higher (central) levels of organization. Blood sugar level rises parallel with the development of the pituitary-adrenocortical system. Insulin induced hypoglycemic convulsions appear only after 3 weeks of birth when this system is fully developed although insulin causes a hypoglycaemia to 10 to 15 mg. per 100 ml. at any time after birth. Cardiazol and strychnine induce convulsions similar to these in adults any time after birth.

2/

Distr: 4E3d

29. Colorimetric determination of the fluoride ion based on the hindrance of extraction. Z. Szabo, M. Beck, K. Tóth. *Magyar Kémiai Folyóirat*, Vol. 64, 1958, 20-1, pp. 35-37, 3 figs., 1 tab.

The sensitivity of colorimetric determination based on the extinction-fading effect of complex-forming anions can be increased by measuring the change of absorbance in the organic phase after shaking with a proper solvent i. e. by determining the hindrance of extraction by the anion. The applicability of the principle of the hindrance of extraction is illustrated by the investigations on the determination of the fluoride ion.

TOTH, K.

Colorimetric determination of the fluoride ion based on interference with extractability. Z. G. Szabó, M. T. Beck, and K. Tóth (Univ. Szeged, Hung.). *Mikrochim. Acta*. 1958, 181-8 (in English).—Fluoride added to colored metal complexes form colorless fluoro-complexes. The decrease in the extinction is often used as a measure of the F concn. If the color is extd. with an org. solvent such as AmOH the color is concd. and the sensitivity is increased. This procedure was studied by using the ferric thiocyanate and the silicofluoride methods. In the thiocyanate procedure 10 γ /60 ml. F can be detd. in a soln. of pH 2.9. The interfering effects of Ca, Mg, SO₄, Cl, PO₄, and Al were studied also. H. W. Harvey

JW
1/1 Distr: 4E2c(j)

9/9

HATTYASY, D.; SZABO, I.; TOTH, K.

The importance of case selection in caries-saliva studies.
Acta physiol. acad. sci. Hung. 24 no.3:345-363 '64

1. Department of Dental and Oral Diseases, University Szeged.

*

FOLDI, M.; CSANDA, E.; TOTH, K.; OBAL, F.; MADARASZ, I.; ROMHAIYI, Gy.;
VARGA, L.; WAGNER, A.

Melkersson-Rosenthal-Miescher syndrome. Orv. hetil. 105 no.6:
245-250 9 F'64.

1. Szegedi Orvostudományi Egyetem, II. Belklinika, II. Fogászati Klinika, Élettani Intézet és Ideg-elmekortani Klinika;
és Pécsi Orvostudományi Egyetem, Kóronctani Intézet.

HATTYASY, D.; SZABO, I.; TOTH, K.

The importance of case selection in caries-saliva studies.
Acta physiol. acad. sci. Hung. 24 no.3:345-363 '64

1. Department of Dental and Oral Diseases, University, Szeged.

TETH, K.

HUNGARY / Analytic Chemistry. Analysis of Inorganic Substances.

D

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60650.

Author : Zoltan Szabo, Mihaly Beck, Kalman Toth.

Inst : -

Title : Photometric Determination of Fluorine Ion by Its Inhibiting Effect on Extraction.

Orig Pub: Magyar kem. folyorat, 1958, 64, No 1, 35-37; Mik-orchim. acta, 1958, No 2, 181-185.

Abstract: It was established that the sensitivity of photometric analysis methods based on the decrease of the optical density of a colored solution under the influence of complex forming ions to be de-

Card 1/4

HUNGARY / Analytic Chemistry. Analysis of Inorganic
Substances.

E

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 60650.

Abstract: are forming at a higher pH. The extraction was carried out with n-amyl alcohol (15 ml of n-amyl alcohol per 50 ml of the analyzed solution), and the alcohol phase was photometered. The error of F^- determination is $\pm 5\%$. SiF_6^{2-} can be determined by that method also. The method sensitivity is 10^{-8} of F in 50 ml, which is much more than the sensitivity of any other known methods. The following interferes with F^- determination: PO_4^{3-} , organic anions, Al^{3+} , Ca^{2+} and Mg^{2+} (both if more than $5 \cdot 10^{-3}$ mole per liter), SO_4^{2-} (if more than 10^{-4} mole per liter) and Cl^- (if more than $5 \cdot 10^{-3}$

Card 3/4

TOTH, K.

5

27

Oxidation of sulfur dioxide in a fluidized bed with vanadium catalyst. Pal Szolcsányi, Lőrinc Hornyák, and István K. Tóth (Univ. Chem. Ind., Veszprém, Hung.) Veszprémi Vegyipari Egyetem Közleményei 2, 57-63 (1958) — The oxidation of SO_2 with air was studied in a 70-c. (practically isothermal) reactor, made of quartz, by using a catalyst (such as employed in H_2SO_4 manuf.) of 0.78- and 1-mm. particle size, at a gas rate of 0.5-3.5 l/min., and at 450-60°. The initial SO_2 concn. was 2.7-7.0 vol. %, and conversion rates of 10-70% were attained. In a stationary bed the direction of flow (whether up or down) made no difference in the results. On attaining the fluidized state, the activity of the bed increased instantaneously; the extent of the increase became larger with increasing temp. This increase was evident even at the lowest initial SO_2 concn. examd. The activity increase commenced always at the same feed rate for any given bed, regardless of concn. and temp. G. J. Erych-

17

TOTH, K.; ENDROCZI, E.; TIGYI, A.
WAXP 10/10/53

The effects of sterane derivatives on the neuro-muscular system.
II. In vitro effect of steroid hormones on mammalian smooth
muscle. Acta physiol. hung. 5 no.3-4:421-425 1954.

1. Institute of Physiology of the Medical University, Pecs.
(Received September 14, 1953)

(SEX HORMONES, eff.)

*on intestines, in vitro eff. in cat)

(ADRENAL CORTIX, hormones

*in vitro eff. on intestines in cat)

(INTESTINES, eff. of drugs on

*adrenal cortex hormones & sex hormones, in vitro eff. in cat)

TOTH, K.

On the terminal oxidation of whole saliva. Acta med. hung. 16
no.3:279-290 '60.

1. Department of Stomatology (Director: D. Hattyasy), University
Medical School, Szeged.
(SALIVA chem)

SZABO, I.; TOTH, I.

Effect of constant living conditions on the buffer capacity of saliva.
Acta Physiol. Acad. Sci. Hung. 20 no.2:93-102 '61.

1. Klinik fur Zahn- und Kieferkrankheiten der Medizinischen Universitat,
Szeged.

(SALIVA chem)

TOTH, K.; SZABO, I.

Relations between dental caries and the nervous system. Acta
med.hung. 17 no.1:63-76 '61.

1. Klinik für Zahn- und Kieferkrankheiten (Direktor: Prof. D.Hattyasy)
der medizinischen Universität, Szeged.
(DENTAL CARIES etiol.) (NERVOUS SYSTEM: physiol.)

TOTH, K.

Methodological considerations on oxygen requirement determination
in saliva. Acta med.hung.16 no.3:319-328 '60.

1. Stomatologische Klinik der Medizinischen Universität, Szeged
(Direktor: Prof. D.Hattyasy).
(SALIVA chem)

TOTH, Kalman, okleveles gepeszmernok, nyugalmazott MAV muszaki
fotancsosz

The development and spread of the 50 Hz electric traction on
the British railways. Kozl tud sz 14 no. 5:232-235 My '64.

L 11685-66 RM/DS
ACC NR: AT6031100

SOURCE CODE: HU/2502/65/043/002/0087/0094

AUTHOR: Toth, Kalman--Tot, K.; Flora, Terez

ORG: Scientific Research Institute of the Heavy Chemical Industry, Veszprem
(Nehezvegyipari Kutato Intezet)

TITLE: Derivatographic investigation of synthetic zeolites II.

SOURCE: Academia scientiarum Hungaricae. Acta chimica, v. 43, no. 2, 1965, 87-94

TOPIC TAGS: zeolite, ion exchange, adsorption

ABSTRACT: A derivatographic investigation was made of several derivatives of synthetic zeolites of types A and X after they had been subjected to ion exchange.¹ On the basis of the derivatograms it was established that the amount and heat of bonding of the equilibrium water content, bound by adsorption, are considerably influenced by the nature of the exchanging ion. When the ionic charge on the exchanging ion is identical, the amount and heat of bonding of the equilibrium water content, bound by adsorption, decrease with increasing ionic radius, while they increase with increasing ionic charge in the presence of comparable ionic radii. The thermal stability of the crystals is also influenced by the nature of the exchanging ion in such a manner that the thermal stability of the crystal lattice of the zeolite type diminishes with the decrease in the diameter of the exchanging ion. Orig. art. has: 18 figures. [Based on authors' Eng. abst.] [JPRS: 33,540]

SUB CODE: 07 / SUBM DATE: 15Dec64 / ORIG REF: 001 / OTH REF: 001

Card 1/1 af

KALMAN, TOTH

C.

Hungary/ Inorganic Chemistry, Complex Compounds

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 11457

Author : Beck Mihaly, Toth Kalman

Title : Mechanism of Formation of Thiocyanate Complexes of Trivalent Chromium
Preliminary Communication.

Orig Pub : A kromrodanid komplexek kepzodesenek machanizmusarol. Elozetes kozlemenye.
Magyar. kem. folyoirat, 1956, 62, No 6, 211-212 (Hungarian; English
summary)

Abstract : Investigation of the formation of $\text{Cr}(3+)$ complexes with SCN^- .
Discrepancies between the obtained data and those found in the literature are attributed by the authors to polymerization processes.

TOTH, Kalman

Most up-to-date methods for manufacturing mineral cotton in the Soviet Union. Epitoanyag 16 no.7:246-252 J1 '64.

1. Central Research Institute of Building Materials Industry,
Budapest.

SZEREDAY, Zoltan; TOTH, Kalman; MATZ, Laszlo

Examination of the acetylcholine content of the placenta. Magyar. orvos.
lap. 25 no.5:317-320 S '62.

1. Pecséi Orvostudományi Egyetem Szülészeti és Nőgyógyászati Klinika-
jának közleménye (Igazgató: Lajos László dr. egy. tanár).
(PLACENTA) (ACETYLCHOLINE) (PREGNANCY)

TOTH, Kalman; KOKAY, Lajosné

Tests on the utilization of perlite dust in the field of the building materials industry. Építőanyag 16 no.3:109-112 Mr '64.

1. Építőanyagipari Kozponti Kutatointezet.

TOH, Kalman, nyugalmazott. 1947. évi közlekedési statisztika.

Genesis of electric traction abroad and its development in Hungary. Közlekedési közl. 26. évf. 42-47. old. 1964.

TOTH, Kalman

Properties of molecular filters and their application in the chemical industry. Magy kem lap 16 no.10:440-446 0 '61.

1. Nehezvegyipari Kutato Intezet.